

## Remote Power Systems

Integrated



*Leading the World  
in Remote Power*



## Global Integrated Remote Power System

The world leader in turnkey remote power solutions for 30 years, Global Thermoelectric specializes in the design and fabrication of integrated remote power systems. Our Global Integrated Power Systems are designed to approach the performance of our Thermoelectric Generators (TEGs) in reliability, low life-cycle cost, maintenance ease, and long-term performance.

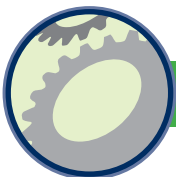
These systems are capable of withstanding the most extreme conditions. From the blistering heat of the Sahara Desert to the subzero temperatures of the Arctic Circle, Global Thermoelectric knows how to design and build tough, reliable power systems tailored to your unique operating environment.



### True systems integration

Global Integrated Remote Power Systems offer true systems integration capability handling all aspects of your project. From equipment sourcing and system design to international transportation and logistics management, we specialize in remote power solutions for oil and gas infrastructure, offshore platforms and remote telecommunications installations.

At Global, we design our Integrated Remote Power System to seamlessly integrate with your cathodic protection, SCADA, automation, telecommunications or other remote systems. We conduct exhaustive performance testing of our entire system prior to shipping to site.



### Functional design. Practical Innovation.

As the leader in remote power, we understand the complex considerations involved in designing and building an integrated power solution for extreme environments. When designing an integrated system, we factor in maintenance cycles, fuel constraints, local service availability, long term performance, climate and international transportation and logistics.

At Global, we design practical, functional power systems attending to every aspect of the project. From minimizing build costs by designing systems for manufacturability, to our practical logistics plans, our aim is to provide the most reliable and economic power solutions.



### The power of a global supply network

With a network that spans 50 countries, we leverage the power of our global manufacturing and sourcing capabilities to tailor a solution to your specific requirements. We are able to tap into our network to source the best field proven products for your application.

From sourcing raw materials for fabrication to working with local manufacturers to minimize transportation costs, our aim is avoiding unnecessary expenditures without sacrificing quality or functionality.

# Integrated Remote Power Systems from the world leader in remote power

## Customized Solutions

Every Global Integrated Remote Power System is a custom solution purpose-built for your specific operating environment and system requirements. They are designed for long term performance, maintenance ease and lowest life-cycle costs.

As a true systems integrator, we have the flexibility to include any type or combination of generator sources, including our ultrareliable Thermoelectric Generators (TEGs). Our Integrated Power Systems templates range from all-inclusive local equipment room applications to small-scale hybrid solutions.



### Global Station

Originally designed for larger pipeline applications, Global Station is our local equipment room system that integrates the primary power source, such as natural gas, diesel or propane gen-sets, with backup or alternate sources of power, and your cathodic protection, SCADA, valve actuation or other site loads.

Global Station often includes a custom building envelope, fuel tanks, batteries, and all climate control, safety and security systems.



### Global Charge

Ideal for larger remote telecom applications, Global Charge is a battery cycling system that is easily added to your existing site equipment. The generating source is cycled as necessary to maintain the battery charge level minimizing fuel consumption and extending maintenance cycles.

Designed for long maintenance cycle, Global Charge includes a lightweight, climate controlled container, single or multiple diesel or propane gensets, a battery bank, and a TEG if appropriate, with space for additional site loads.



### Global Hybrid

Designed for remote telecom or SCADA applications, Global Hybrid features a Global Thermoelectric Generator combined with a solar array and battery bank. The TEG and the solar array work together to extend the re-fuelling cycle limiting the need for site visits to one per year, even for larger loads.

Purpose-built for a long maintenance cycle and lower fuel consumption, Global Hybrid is our most flexible TEG system. It includes all mounting and racking required for a compact, integrated system that can be commissioned in a few hours.



Global can customize or combine any of the above configurations to create the optimal solution for your site

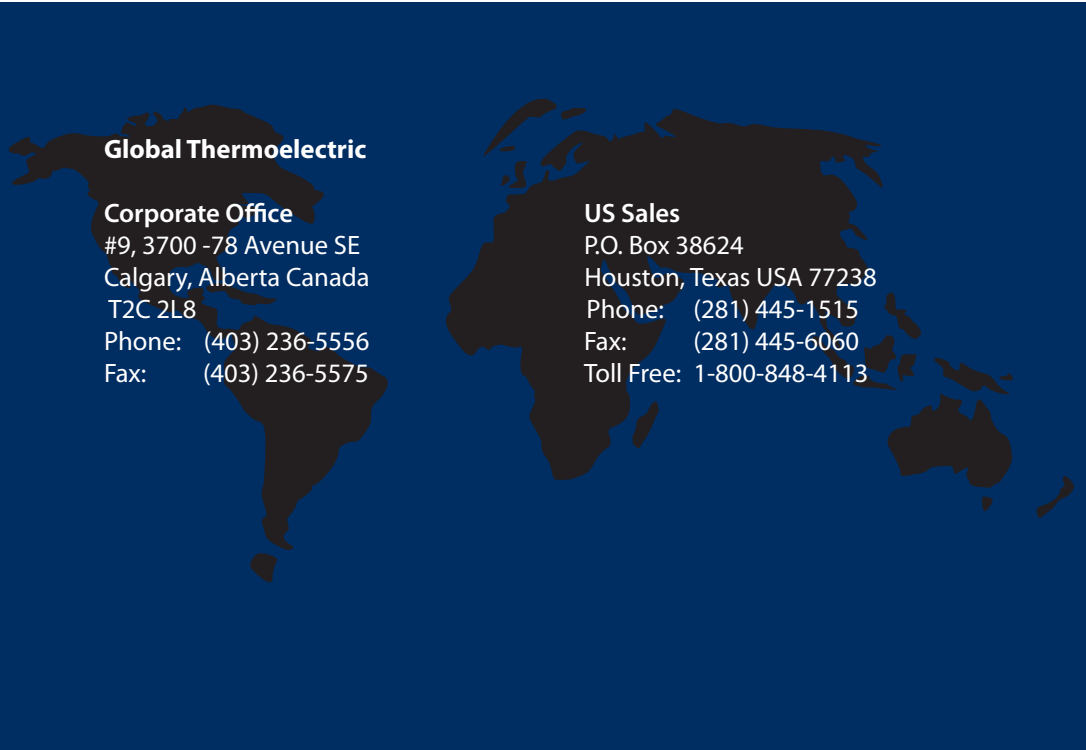
*A history of innovation and performance in remote power.*

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About Global Thermoelectric

Trust your system integration project to the company that for 30 years has built the most reliable power system on earth. Global Thermoelectric has successfully installed over 15,000 remote power systems worldwide. ISO 9001: 2000 certified, Global has earned a reputation for economic and reliable turnkey power solutions.

With remote power systems in 50 countries, we know how to manage international projects and coordinate transport logistics. Our experience designing and building remote power systems includes turnkey integrated TEG solutions.



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*Quality Products • Manufacturing excellence • Market Leadership*